

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Canceled).
2. (Canceled).
3. (Currently Amended) The hinge structure according to claim [[1]] 20, further comprising:

a non-circular fixing ~~portions each provided in the pivotal side at one end of each of said~~
portion provided at the second end of the rotation shaft and configured to fix shafts facing each of said
~~pivotal plates for fixing said each rotation shaft to said each pivotal plate, and~~

a non-circular shaft-supporting ~~portion portions each provided in said each pivotal plate and~~
configured to receive the plates for insertionally receiving said each fixing portion of the rotation shaft
~~in the pivotal side.~~
4. (Canceled).
5. (Currently Amended) The hinge structure according to claim [[1]] 20, wherein ~~each of~~
~~said braking housings is inserted and extended by one side into a vertical plane of said fixed plate to~~
~~form a~~ the stopper guide is fastened to said fixed plate vertical plane via riveting.

6. (Currently Amended) The hinge structure according to claim [[1]] 20, further comprising a washer ~~in the contact faces between each of said rotation shafts and each of~~ located between an end of the braking housing and the pivotal plates plate to restrict noise and abrasion.

7. (Currently Amended) The hinge structure according to claim [[1]] 20, wherein said braking member is ~~members are~~ made of engineering plastic.

8. (Canceled).

9. (Currently Amended) The hinge structure according to claim [[8]] 28, wherein each of said rotation shafts is fixed to each of said pivotal plates.

10. (Currently Amended) The hinge structure according to claim [[8]] 28, further comprising washers provided in the contact faces between said stopper guides and said stoppers.

11. (Currently Amended) The hinge structure according to claim [[8]] 28, further comprising:

~~a fixing portions each~~ portion provided at the first end of each rotation shaft ~~around each of said rotation shafts in the fixing side around which each of said stoppers is fitted~~, for allowing said each stopper to ~~identically operate with said~~ rotate with each rotation shaft; and

~~shaft-supporting portions in each identically configured with each of said fixing portions in the fixing side for allowing said each stopper~~, wherein the shaft-supporting portions is configured to receive

~~the to be fitted around said each fixing portion and identically rotate with said each rotation shaft.~~

12. (Currently Amended) The hinge end structure according to claim [[8]] 28, further comprising:

a fixing ~~ends each~~ end axially extended from ~~one the first~~ end of each of said rotation shafts ~~around which each of said stoppers is fitted~~; and

anti-release members each fitted around ~~said each of one of the~~ fixing ends for stably supporting the position of said each stopper.

13. (Currently Amended) The hinge structure according to claim 12, where each of said anti-release members has a hole into which ~~a said each~~ fixing end is inserted and at least two folded faces which are folded in an orientation of inserting said ~~each~~ fixing end.

14. (Currently Amended) The hinge structure according to claim [[8]] 28, wherein said projection receiving groove is positioned in a pivoting range of ~~the a~~ flat visual display device coupled to the pivotal plates.

15. (Currently Amended) The hinge structure according to claim [[8]] 28, wherein said braking members are made of engineering plastic.

16. (Currently Amended) The hinge structure according to claim [[8]] 28, wherein said braking housings are respectively fastened to vertical fixing planes of said fixed plate.

17. (Canceled).

18. (Canceled).

19. (Canceled).

20. (New) A hinge structure for a display device, comprising:

a fixed plate configured to be attached to a support structure for the display device;

a pivotal plate configured to be attached to a display device;

a rotation shaft, wherein a first end of the rotation shaft is coupled to the fixed plate and a second end of the rotation shaft is coupled to the pivotal plate, and wherein the rotation shaft allows relative rotational movement between the fixed plate and the pivotal plate;

a braking housing having a stopper guide that is configured to limit rotation of the pivotal plate relative to the fixed plate; and

a cylindrical braking member located between the rotation shaft and the braking housing and that is configured to provide a frictional force that tends to prevent the pivotal plate from rotating with respect to the fixed plate.

21. (New) The hinge structure according to claim 20, further comprising a plurality of housing fasteners that attach the braking housing to the fixed plate.

22. (New) The hinge structure of claim 21, wherein the fixed plate includes at least two housing fixing holes, wherein at least two housing fixing holes are formed in braking housing such that

they are aligned with the housing fixing holes in the fixed plate, and wherein the plurality of housing fasteners are inserted into the housing fixing holes on the fixed plate and the braking housing to attach the braking housing to the fixed plate.

23. (New) The hinge structure of claim 22, wherein the housing fixing holes formed in the braking housing are formed in the stopper guide of the braking housing.

24. (New) The hinge structure according to claim 20, further comprising a stopper that is fixed to the first end of the rotation shaft, wherein a projection on the stopper is received in a groove in the stopper guide of the braking housing.

25. (New) The hinge structure according to claim 24, further comprising a washer located between the stopper and the braking housing.

26. (New) The hinge structure according to claim 25, wherein the washer has a non-uniform profile with a cut-out that corresponds to the projection receiving groove of the stopper guide.

27. (New) A display device comprising the housing of claim 20.

28. (New) A hinge structure for a display device, comprising:

a fixed plate configured to be attached to a supporting structure for the display device;

first and second pivotal plates configured to be attached to a display device;

first and second rotation shafts, wherein a first end of each rotation shaft is coupled to the fixed

plate and wherein a second end of each rotation shaft is coupled to one of the pivotal plates, and wherein the rotation shafts allow relative rotational movement between the fixed plate and the pivotal plates;

first and second braking housings, wherein each braking housing has a stopper guide with a projection receiving groove that is configured to limit rotation of one of the pivotal plates relative to the fixed plate;

first and second stoppers, wherein each stopper is coupled to a first end of a rotation shaft, and wherein each stopper has a projection that is received in the projection receiving groove of one of the braking housings; and

first and second cylindrical braking members, wherein each braking member is located between a rotation shaft and a braking housing, and wherein each braking member is configured to provide a frictional force that tends to prevent a pivotal plate from rotating with respect to the fixed plate.

29. (New) The hinge structure according to claim 28, further comprising a plurality of housing fasteners that attach the first and second braking housings to the fixed plate.

30. (New) The hinge structure according to claim 29, wherein the fixed plate includes a plurality of housing fixing holes, wherein at least two housing fixing holes are formed in the first and second braking housings such that they are aligned with the housing fixing holes in the fixed plate, and wherein the plurality of housing fasteners are inserted into the housing fixing holes on the fixed plate and the first and second braking housings to attach the first and second braking housings to the fixed plate.

31. (New) The hinge structure of claim 30, wherein the housing fixing holes formed in the first and second braking housings are formed in the stopper guides of the first and second braking housings.

32. (New) The hinge structure according to claim 28, further comprising first and second washers, wherein each washer is located between one of the pivotal plates and an end of one of the braking housings.

33. (New) The hinge structure according to claim 10, wherein the washers have a non-uniform profile with a cut-out that corresponds to the projection receiving groove of one of the stopper guides.

34. (New) A display device comprising the hinge structure of claim 28.

35. (New) A hinge structure for a display device, comprising:

- a fixed plate configured to be attached to a support structure for the display device;
- a pivotal plate configured to be attached to a display device;
- a rotation shaft, wherein a first end of the rotation shaft is coupled to the fixed plate and a second end of the rotation shaft is coupled to the pivotal plate, and wherein the rotation shaft allows relative rotational movement between the fixed plate and the pivotal plate;
- a cylindrical braking housing surrounding the rotation shaft and coupled to the fixed plate;
- a cylindrical braking member located between the rotation shaft and the braking housing and that is configured to provide a frictional force that tends to prevent the pivotal plate from rotating with

respect to the fixed plate; and

a washer located between the pivotal plate and an end of the braking housing.

36. (New) The hinge structure according to claim 35, wherein the braking housing includes a stopper guide having a projection receiving groove, and further comprising a stopper that is rotationally fixed to the rotation shaft, wherein the stopper includes a projection that is received in the projection receiving groove of the stopper guide, and wherein the projection receiving groove acts to limit rotational movement of the pivotal plate relative to the fixed plate.

37. (New) The hinge structure according to claim 36, further comprising a washer located between the stopper and the stopper guide on the braking housing.

38. (New) The hinge structure according to claim 37, wherein the washer has a non-uniform profile with a cut-out that corresponds to the projection receiving groove of the stopper guide.